



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,572	11/22/2003	John B. Harvey	28040-1	3556
22493	7590	09/08/2005	EXAMINER	
BOARDMAN, SUHR, CURRY & FIELD LLP ATTN: IP PRACTICE GROUP 1 SOUTH PINCKNEY STREET, FOURTH FLOOR P.O. BOX 927 MADISON, WI 53701-0927			LEWIS, RALPH A	
		ART UNIT		PAPER NUMBER
		3732		
DATE MAILED: 09/08/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/719,572	HARVEY ET AL.
	Examiner Ralph A. Lewis	Art Unit 3732

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 15 June 2005.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-39 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) 37-39 is/are allowed.
 6) Claim(s) 1-4, 14-19 and 29-36 is/are rejected.
 7) Claim(s) 5-13, 20-28 is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

Objection to the Drawings

The drawings are objected to under 37 CFR 1.84 (i) and (p) as being informal.

The lines, numbers and letters lack uniformity and are fuzzy lacking sharp definition.

No new matter should be entered. Formal replacement drawings are required.

Rejections based on Prior Art

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-4, 14, 15, 17, 19, 29, 31, 33 and 35 are rejected under 35 U.S.C. 102(b) as being anticipated by Wirsching (US 575,407).

Wirsching discloses a veterinary apparatus for grinding horse teeth comprised of a tool body 15, 6, a drive shaft 13 disposed inside the tool body having a first end configured for attachment to drive mechanism 19 and a second opposite end connected to grinding member 5. The grinding member 5 is capable of pivoting through a variety of angles with respect to the handle 15. In regard to claims 15, 17, 29 and 31, the Wirsching device is capable of having a vacuum hose or fiber optic cable attached to it. In regard to claim 19, note first drive shaft 13 and second drive shaft 6

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 16, 18, 30, 32, 34 and 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wirsching (US 575,407).

In regard to claims 16, 18, 30, 32, the use of suction and illumination with dental devices is old and well known, to have used such prior art devices with the Wirsching device so that the mouth could be suctioned and illuminated would have been obvious to one of ordinary skill in the art. In regard to claims 34 and 36, wirsching fails to disclose the particularly claimed 90 degree angle, however, one of ordinary skill in theart would have found making the Wirsching device so that it could extend to such an angle obvious in order to improve it's range.

Prior Art

Mahaffy (US 741,519), Skylar (US 994,483) and Lang (US 1,151,197) are made of record.

Allowable Subject Matter

Claims 37-39 are allowed. Claims 5-13, and 20-28 are objected to as being dependent on a rejected base claim, but would be allowable if rewritten in indepednet form.

Action Made Final

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry concerning this communication should be directed to **Ralph Lewis** at telephone number **(571) 272-4712**. Fax (703) 872-9306. The examiner works a compressed work schedule and is unavailable every other Friday. The examiner's supervisor, Kevin Shaver, can be reached at (571) 272-4720.



Ralph A. Lewis
Primary Examiner
AU3732

R.Lewis

September 6, 2005